

EXHIBIT B (SECTION 4.0)

CITY OF SUNNYVALE OXIDATION POND SEDIMENT REMOVAL PILOT DREDGING AND DEWATERING PLAN

LIST OF EQUIPMENT

Synagro West, Inc. will perform the removal and dewatering of up to 600 dry tons of oxidation pond solids utilizing the following equipment:

- One cabled hydraulic suction dredge with a submersible cutter head, all necessary anchor blocks, cable, float pipe and discharge pipe
- One stationary (spud) barge for securing dredge cable in oxidation pond in order to demonstrate ability to dredge in all areas of the pond.
- Approximately 6,800 feet of 6" victrolite or sdr 17 fuse pipe for transfer of pond solids from oxidation pond to dewatering lay down area and for transfer of belt filter press filtrate to the plant discharge location
- One in line booster pump to assist in transfer of pond solids to dewatering area
- One flow meter
- One muffin monster
- Two baker tanks, one at pond site and one at dewatering staging area.
- One ½" minus "hitower" screen to remove debris from sludge prior to transfer via pipeline to dewatering area.
- One 2003 *Andritz* 2.2 meter trailer mounted belt filter press, complete with variable frequency drives, sludge pumps and polymer make up system.
- One dewatered sludge cake discharge conveyor
- One 6,000 lb. forklift
- One 3 cy bucket wheel loader for transfer and isolation of dewatered pond solids
- One moisture balance analyzer

All critical equipment on the project is backed up with spare equipment located at Synagro's field office located in Suisun City, CA and can be made available in less than one day if necessary.

PROJECT TIMELINE (In work weeks)

Week 1 – Mobilization and set up of equipment and pipeline
Weeks 2 through 13 – Dredging and dewatering of oxidation pond solids
Week 14 – Tear down and demobilization of equipment and pipeline

DREDGING AND DEWATERING OPERATIONS

Prior to commencing work, Synagro staff and City staff will identify the precise areas of solids removal. Based on this determination, a specific location will be identified for the spud barge and a dredging diagram will be prepared. The diagram will include the spud barge location, levee anchoring locations and dredging patterns. A preliminary review of the pond condition indicates that 600 dry tons are readily available.

The pond solids will be transferred via a 6" temporary pipeline installed by Synagro. The line will travel along the inside edge of the outer levee and will travel into the plant area along the same route as the plant's existing line. Double containment will be provided in areas exposed to navigable waterways, if required.

A high capacity booster pump will be installed in line to assist in the transfer of the pond solids due to the length of the run from the pond to the dewatering area. Prior to transferring any solids, the dredge and booster pump will test the line for leaks by pumping water from the pond, through the line and to the filtrate discharge point. Any leaks will be identified and corrected.

Solids will be transferred shore via dredge "float pipe", across the ½" hitower screen. Overs will be transferred off of the screen into a debris box located adjacent to the baker tank. The sludge will be transferred from the tank at the pond site via booster pump to the mix tank located at the dewatering area. The mix tank is used to accumulate pond solids to be dewatered, to allow for processing to continue in the event the dredge is not operating due to repositioning the dredge or other scheduled non operation. In addition, the mix tank provides for a more homogenous infeed for the dewatering operation, stabilizing the percent solids, polymer usage and production rates.

Dewatering will be conducted at an expected rate of 100 gallons per minute. The actual rate may be higher or lower depending on the solids percentage of the infeed material. Dewatered sludge cake will be transferred to a bermed area where it will be transferred to the sludge drying pad using a rubber tire loader. The belt filter press filtrate will be transferred to a discharge point designated by the City.

Bench tests indicate that pond solids will range from 22% to 25% solids, which is typical of belt press operations. Daily production is estimated at 10 dry tons per day for a total of 60 operating days.

The flow meter and moisture balance analyzer will be used to calculate the estimated gallons and dry ton solids removed. This will be used to gauge the progress of the project and to determine an appropriate stopping point. It is our understanding that the actual dry tons removed will be calculated at the time the material is loaded and transported for land application or disposal as alternative daily cover under our existing biosolids handling contract.

PROJECT OPERATIONS AND MAINTENANCE SCHEDULE

Dredging and dewatering operations will be conducted Monday through Friday, up to 12 hours per day. All equipment is inspected each morning prior to start up. All equipment requiring scheduled maintenance (is given that maintenance prior to arriving on the project site. The project is of sufficiently short duration that significant scheduled maintenance should not be required. Minor scheduled maintenance, such as lubrication, oil changes, etc. will be conducted either prior to process start up or after equipment shut down. Any significant scheduled maintenance will be conducted on Sundays. Unscheduled maintenance and maintenance will be performed as soon as practicable, or, in the case of critical equipment, spare units will be transferred from Suisun City, CA.